

Alan D Ealy

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

2,864
citations

159585

30
h-index

189892

50
g-index

108
all docs

108
docs citations

108
times ranked

1972
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Short Communication: Maternal obesity alters ovine endometrial gene expression during peri-implantation development. Journal of Animal Science, 2022, 100, . | 0.5 | 2 |
| 2 | Bioactive supplements influencing bovine in vitro embryo development. Journal of Animal Science, 2022, 100, . | 0.5 | 5 |
| 3 | A Synopsis of the NE1727 Multistate Project Collection in the <i>Journal of Animal Science</i>. Journal of Animal Science, 2022, 100, . | 0.5 | 0 |
| 4 | NE1727 collection dedication. Journal of Animal Science, 2022, 100, . | 0.5 | 0 |
| 5 | Ruminant conceptus-maternal interactions: interferon-tau and beyond. Journal of Animal Science, 2022, 100, . | 0.5 | 9 |
| 6 | Physical parameters of bovine activated oocytes and zygotes as predictors of development success. Zygote, 2021, 29, 358-364. | 1.1 | 2 |
| 7 | Effects of mid-gestational l-citrulline supplementation to twin-bearing ewes on umbilical blood flow, placental development, and lamb production traits. Translational Animal Science, 2021, 5, txab102. | 1.1 | 3 |
| 8 | Interleukin-6 supplementation improves post-transfer embryonic and fetal development of in vitro-produced bovine embryos. Theriogenology, 2021, 170, 15-22. | 2.1 | 11 |
| 9 | Cytokines That Serve as Embryokines in Cattle. Animals, 2021, 11, 2313. | 2.3 | 6 |
| 10 | Interleukin-6 promotes primitive endoderm development in bovine blastocysts. BMC Developmental Biology, 2021, 21, 3. | 2.1 | 14 |
| 11 | Leukemia Inhibitory Factor Stimulates Primitive Endoderm Expansion in the Bovine Inner Cell Mass. Frontiers in Animal Science, 2021, 2, . | 1.9 | 4 |
| 12 | Pregnancy Losses in Livestock: An Overview of the Physiology and Endocrinology Symposium for the 2020 ASAS-CSAS-WSASAS Virtual Meeting. Journal of Animal Science, 2020, 98, . | 0.5 | 2 |
| 13 | Graduate Student Literature Review: Potential mechanisms of interaction between bacteria and the reproductive tract of dairy cattle. Journal of Dairy Science, 2020, 103, 10951-10960. | 3.4 | 5 |
| 14 | Zinc supplementation during in vitro embryo culture increases inner cell mass and total cell numbers in bovine blastocysts1. Journal of Animal Science, 2019, 97, 4946-4950. | 0.5 | 9 |
| 15 | Interleukin-6 increases inner cell mass numbers in bovine embryos. BMC Developmental Biology, 2019, 19, 2. | 2.1 | 38 |
| 16 | BOARD INVITED REVIEW: Post-transfer consequences of in vitro-produced embryos in cattle. Journal of Animal Science, 2019, 97, 2555-2568. | 0.5 | 91 |
| 17 | Impact of fetal vs. maternal contributions of <i>Bos indicus</i> and <i>Bos taurus</i> genetics on embryonic and fetal development1. Journal of Animal Science, 2019, 97, 1645-1655. | 0.5 | 14 |
| 18 | 378 Awardee Talk - Impact of fetal versus maternal contributions of Bos indicus and Bos taurus genetics on embryonic and fetal development. Journal of Animal Science, 2019, 97, 142-143. | 0.5 | 0 |

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|----|--|-----|-----------|
| 19 | Symposium review: Predicting pregnancy loss in dairy cattle. Journal of Dairy Science, 2019, 102, 11798-11804. | 3.4 | 26 |
| 20 | Growth factor modulation of equine trophoblast mitosis and prostaglandin gene expression ¹ . Journal of Animal Science, 2019, 97, 865-873. | 0.5 | 5 |
| 21 | Post-transfer outcomes in cultured bovine embryos supplemented with epidermal growth factor, fibroblast growth factor 2, and insulin-like growth factor 1. Theriogenology, 2019, 124, 1-8. | 2.1 | 13 |
| 22 | Interleukin-6 requires JAK to stimulate inner cell mass expansion in bovine embryos. Reproduction, 2019, 158, 303-312. | 2.6 | 18 |
| 23 | Dietary Supplementation of Algae-Derived Omega-3 Fatty Acids Influences Endometrial and Conceptus Transcript Profiles in Mares. Journal of Equine Veterinary Science, 2018, 62, 66-75. | 0.9 | 6 |
| 24 | Exposure to maternal obesity alters gene expression in the preimplantation ovine conceptus. BMC Genomics, 2018, 19, 737. | 2.8 | 4 |
| 25 | Interferons. , 2018, , 412-416. | | 0 |
| 26 | Maternal obesity alters the expression of embryonic regulatory transcripts in the preimplantation ovine conceptus. Reproductive Biology, 2018, 18, 198-201. | 1.9 | 1 |
| 27 | The influence of postnatal nutrition on reproductive tract and endometrial gland development in dairy calves. Journal of Dairy Science, 2017, 100, 3243-3256. | 3.4 | 6 |
| 28 | Tissue organization alters gene expression in equine induced trophectoderm cells. General and Comparative Endocrinology, 2017, 247, 174-182. | 1.8 | 4 |
| 29 | Using Doppler ultrasonography on day 34 of pregnancy to predict pregnancy loss in lactating dairy cattle. Journal of Dairy Science, 2017, 100, 3266-3271. | 3.4 | 19 |
| 30 | Bovine trophectoderm cells induced from bovine fibroblasts with induced pluripotent stem cell reprogramming factors. Molecular Reproduction and Development, 2017, 84, 468-485. | 2.0 | 8 |
| 31 | Reduced skeletal muscle fiber size following caloric restriction is associated with calpain-mediated proteolysis and attenuation of IGF-1 signaling. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R806-R815. | 1.8 | 24 |
| 32 | Combinatorial effects of epidermal growth factor, fibroblast growth factor 2 and insulin-like growth factor 1 on trophoblast cell proliferation and embryogenesis in cattle. Reproduction, Fertility and Development, 2017, 29, 419. | 0.4 | 20 |
| 33 | The evolution of interferon-tau. Reproduction, 2017, 154, F1-F10. | 2.6 | 28 |
| 34 | Activities for leptin in bovine trophoblast cells. Domestic Animal Endocrinology, 2017, 58, 84-89. | 1.6 | 3 |
| 35 | Plane of nutrition affects growth rate, organ size and skeletal muscle satellite cell activity in newborn calves. Journal of Animal Physiology and Animal Nutrition, 2017, 101, 475-483. | 2.2 | 7 |
| 36 | The requirement for protein kinase C delta (PRKCD) during preimplantation bovine embryo development. Reproduction, Fertility and Development, 2016, 28, 482. | 0.4 | 8 |

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|----|---|-----|-----------|
| 37 | CLA and EPA inhibit LPS-induced prostaglandin release from bovine endometrial cells through an NF- κ B-dependent signaling mechanism. Turkish Journal of Veterinary and Animal Sciences, 2016, 40, 382-388. | 0.5 | 3 |
| 38 | Effects of recombinant bovine somatotropin administration at breeding on cow, conceptus, and subsequent offspring performance of beef cattle1. Journal of Animal Science, 2016, 94, 2128-2138. | 0.5 | 10 |
| 39 | Conceptus development and transcriptome at preimplantation stages in lactating dairy cows of distinct genetic groups and estrous cyclic statuses. Journal of Dairy Science, 2016, 99, 4761-4777. | 3.4 | 26 |
| 40 | Sexually Dimorphic Gene Expression in Bovine Conceptuses at the Initiation of Implantation. Biology of Reproduction, 2016, 95, 92-92. | 2.7 | 20 |
| 41 | Associations between pregnancy-associated glycoproteins and pregnancy outcomes, milk yield, parity, and clinical diseases in high-producing dairy cows. Journal of Dairy Science, 2016, 99, 3031-3040. | 3.4 | 26 |
| 42 | Paradoxical effect of supplementary progesterone between Day 3 and Day 7 on corpus luteum function and conceptus development in cattle. Reproduction, Fertility and Development, 2014, 26, 328. | 0.4 | 64 |
| 43 | Validation of an interferon stimulatory response element reporter gene assay for quantifying type I interferons. Domestic Animal Endocrinology, 2014, 47, 22-26. | 1.6 | 8 |
| 44 | Sexual Dimorphism in Developmental Programming of the Bovine Preimplantation Embryo Caused by Colony-Stimulating Factor 21. Biology of Reproduction, 2014, 91, 80. | 2.7 | 42 |
| 45 | The expression of fibroblast growth factor receptors during early bovine conceptus development and pharmacological analysis of their actions on trophoblast growth in vitro. Reproduction, 2013, 145, 191-201. | 2.6 | 26 |
| 46 | Regulation of Pluripotency of Inner Cell Mass and Growth and Differentiation of Trophectoderm of the Bovine Embryo by Colony Stimulating Factor 21. Biology of Reproduction, 2013, 89, 141. | 2.7 | 44 |
| 47 | Subspecies differences in early fetal development and plasma pregnancy-associated glycoprotein concentrations in cattle1. Journal of Animal Science, 2013, 91, 3693-3701. | 0.5 | 30 |
| 48 | Environmental regulation of pregnancy-specific protein B concentrations during late pregnancy in dairy cattle1. Journal of Animal Science, 2013, 91, 168-173. | 0.5 | 32 |
| 49 | Effects of human chorionic gonadotrophin administration on Day 5 after oestrus on corpus luteum characteristics, circulating progesterone and conceptus elongation in cattle. Reproduction, Fertility and Development, 2012, 24, 472. | 0.4 | 72 |
| 50 | Disruption of fibroblast growth factor receptor signaling in bovine cumulus-oocyte complexes during in vitro maturation reduces subsequent embryonic development. Domestic Animal Endocrinology, 2012, 42, 230-238. | 1.6 | 18 |
| 51 | Effects of lactation and pregnancy on metabolic and hormonal responses and expression of selected conceptus and endometrial genes of Holstein dairy cattle. Journal of Dairy Science, 2012, 95, 5645-5656. | 3.4 | 35 |
| 52 | Effects of lactation and pregnancy on gene expression of endometrium of Holstein cows at day 17 of the estrous cycle or pregnancy. Journal of Dairy Science, 2012, 95, 5657-5675. | 3.4 | 83 |
| 53 | The expression and potential function of bone morphogenetic proteins 2 and 4 in bovine trophectoderm. Reproductive Biology and Endocrinology, 2012, 10, 12. | 3.3 | 13 |
| 54 | Expression Profiling and Potential Functions of Protein Kinase C Delta During Early Bovine Embryo Development.. Biology of Reproduction, 2012, 87, 211-211. | 2.7 | 3 |

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|----|--|-----|-----------|
| 55 | Supplementing fibroblast growth factor 2 during bovine oocyte <i>in vitro</i> maturation promotes subsequent embryonic development. Open Journal of Animal Sciences, 2012, 02, 119-126. | 0.6 | 8 |
| 56 | Fibroblast Growth Factor 2 Promotes Primitive Endoderm Development in Bovine Blastocyst Outgrowths1. Biology of Reproduction, 2011, 85, 946-953. | 2.7 | 51 |
| 57 | Fibroblast growth factor requirements for in vitro development of bovine embryos. Theriogenology, 2011, 75, 1466-1475. | 2.1 | 80 |
| 58 | Protein Kinase C Delta Mediates Fibroblast Growth Factor-2-Induced Interferon-Tau Expression in Bovine Trophoblast1. Biology of Reproduction, 2011, 84, 933-943. | 2.7 | 16 |
| 59 | Fibroblast growth factors activate mitogen-activated protein kinase pathways to promote migration in ovine trophoblast cells. Reproduction, 2011, 141, 707-714. | 2.6 | 31 |
| 60 | Evidence of heterogeneity within bovine satellite cells isolated from young and adult animals. Journal of Animal Science, 2011, 89, 1751-1757. | 0.5 | 34 |
| 61 | Consequences of conceptus exposure to colony-stimulating factor 2 on survival, elongation, interferon- γ , secretion, and gene expression. Reproduction, 2011, 141, 617-624. | 2.6 | 40 |
| 62 | Disruption of Fibroblast Growth Factor Receptor Signaling in Bovine Cumulus-Oocyte Complexes During In Vitro Maturation Impacts Subsequent Embryonic Development.. Biology of Reproduction, 2011, 85, 439-439. | 2.7 | 0 |
| 63 | Fibroblast growth factor 10 enhances bovine oocyte maturation and developmental competence in vitro. Reproduction, 2010, 140, 815-826. | 2.6 | 82 |
| 64 | Prostaglandin H synthase Type 2 is differentially expressed in endometrium based on pregnancy status in pony mares and responds to oxytocin and conceptus secretions in explant culture. Animal Reproduction Science, 2010, 117, 99-105. | 1.5 | 41 |
| 65 | Transcriptional Profiling of Equine Endometrium During the Time of Maternal Recognition of Pregnancy1. Biology of Reproduction, 2010, 83, 102-113. | 2.7 | 95 |
| 66 | Expression Profiling of Fibroblast Growth Factor Receptors (FGFRs) and FGF4, and Their Roles During Pre- and Peri-Implantation Embryonic Development in the Bovine.. Biology of Reproduction, 2010, 83, 252-252. | 2.7 | 1 |
| 67 | Fibroblast Growth Factor 10 Enhances Bovine Oocyte Maturation and Developmental Competence In Vitro.. Biology of Reproduction, 2010, 83, 67-67. | 2.7 | 1 |
| 68 | Candidate Gene Expression in Bovine Binucleated Trophectoderm and Changes in Expression Profiles after Culture.. Biology of Reproduction, 2010, 83, 448-448. | 2.7 | 0 |
| 69 | FGF2 Promotes Primitive Endoderm Development in Bovine Blastocysts.. Biology of Reproduction, 2010, 83, 181-181. | 2.7 | 0 |
| 70 | Several fibroblast growth factors are expressed during pre-attachment bovine conceptus development and regulate interferon-tau expression from trophoctoderm. Reproduction, 2009, 137, 259-269. | 2.6 | 56 |
| 71 | REVIEW ARTICLE: Control of Interferon γ Expression During Early Pregnancy in Ruminants. American Journal of Reproductive Immunology, 2009, 61, 95-106. | 1.2 | 71 |
| 72 | Oxygen tension and medium type actions on blastocyst development and interferon-tau secretion in cattle. Animal Reproduction Science, 2009, 111, 173-188. | 1.5 | 28 |

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|----|---|-----|-----------|
| 73 | Protein Kinase C Delta Mediates Fibroblast Growth Factor 2-Induced Expression of Interferon Tau in Bovine Trophectoderm.. Biology of Reproduction, 2009, 81, 179-179. | 2.7 | 0 |
| 74 | Effects of Lactation and Pregnancy on Endometrial Gene Expression in Dairy Cattle.. Biology of Reproduction, 2009, 81, 339-339. | 2.7 | 0 |
| 75 | The Isolation of Binucleated Trophectoderm from Mid-Gestation Bovine Placentae Using Fluorescence Activated Cell Sorting.. Biology of Reproduction, 2009, 81, 424-424. | 2.7 | 0 |
| 76 | The Conceptus Affects Expression of VEGF and Its Receptors Prior to Implantation in Mares.. Biology of Reproduction, 2009, 81, 431-431. | 2.7 | 0 |
| 77 | Comparison of the interferon- τ expression from primary trophectoderm outgrowths derived from IVP, NT, and parthenogenote bovine blastocysts. Molecular Reproduction and Development, 2008, 75, 299-308. | 2.0 | 12 |
| 78 | Ovine endometrial expression of fibroblast growth factor (FGF) 2 and conceptus expression of FGF receptors during early pregnancy. Domestic Animal Endocrinology, 2008, 34, 135-145. | 1.6 | 74 |
| 79 | Effects of supplementation frequency on performance, reproductive, and metabolic responses of Brahman-crossbred females ¹ . Journal of Animal Science, 2008, 86, 2296-2309. | 0.5 | 42 |
| 80 | Functional Analysis of a Retrotransposon-derived Novel Gene Expressed in the Bovine Trophoblast.. Biology of Reproduction, 2008, 78, 214-214. | 2.7 | 0 |
| 81 | Different Epigenetic Status of Bovine Interferone-tau Gene in Trophoblast and Non-trophoblast Cells.. Biology of Reproduction, 2008, 78, 141-141. | 2.7 | 1 |
| 82 | The effect of in vitro treatment of bovine embryos with IGF-1 on subsequent development in utero to Day 14 of gestation. Theriogenology, 2007, 68, 153-161. | 2.1 | 37 |
| 83 | Regulation of Blastocyst Stage Gene Expression and Outgrowth Interferon γ , Activity of Somatic Cell Clone Aggregates. Cloning and Stem Cells, 2007, 9, 630-641. | 2.6 | 9 |
| 84 | A cloning and expression analysis of pregnancy-associated glycoproteins expressed in trophoblasts of the white-tail deer placenta. Molecular Reproduction and Development, 2007, 74, 1355-1362. | 2.0 | 28 |
| 85 | Establishment of a bovine blastocyst-derived cell line collection for the comparative analysis of embryos created in vivo and by in vitro fertilization, somatic cell nuclear transfer, or parthenogenetic activation. In Vitro Cellular and Developmental Biology - Animal, 2007, 43, 59-71. | 1.5 | 22 |
| 86 | PREGNANCY STATUS AND STEROID EXPOSURE IMPACT THE ABUNDANCE OF ENDOMETRIAL CYCLOOXYGENASE- 2 mRNA IN MARES. Biology of Reproduction, 2007, 77, 102-102. | 2.7 | 2 |
| 87 | Fibroblast Growth Factor-2 Is Expressed by the Bovine Uterus and Stimulates Interferon- γ , Production in Bovine Trophectoderm. Endocrinology, 2006, 147, 3571-3579. | 2.8 | 91 |
| 88 | Granulocyte-Macrophage Colony-Stimulating-Factor Increases Interferon-tau Protein Secretion in Bovine Trophectoderm Cells. American Journal of Reproductive Immunology, 2006, 56, 63-67. | 1.2 | 26 |
| 89 | Effect of Interferon- γ , Administration on Endometrium of Nonpregnant Ewes: A Comparison with Pregnant Ewes. Endocrinology, 2006, 147, 2127-2137. | 2.8 | 60 |
| 90 | ISOLATION AND CHARACTERIZATION OF A BOVINE VISCERAL ENDODERM CELL LINE DERIVED FROM A PARTHENOGENETIC BLASTOCYST. In Vitro Cellular and Developmental Biology - Animal, 2005, 41, 130. | 1.5 | 13 |

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| 91 | Transforming Growth Factor β 1 Is Up-regulated by Activated Raf in Skeletal Myoblasts but Does Not Contribute to the Differentiation-defective Phenotype. <i>Journal of Biological Chemistry</i> , 2004, 279, 2528-2534. | 3.4 | 13 |
| 92 | Isolation and characterization of a bovine trophectoderm cell line derived from a parthenogenetic blastocyst. <i>Molecular Reproduction and Development</i> , 2004, 69, 164-173. | 2.0 | 9 |
| 93 | Identification of interferon- β , isoforms expressed by the peri-implantation goat (<i>Capra hircus</i>) conceptus. <i>Domestic Animal Endocrinology</i> , 2004, 27, 39-49. | 1.6 | 14 |
| 94 | Influence of Different Isoforms of Recombinant Trophoblastic Interferons on Prostaglandin Production in Cultured Bovine Endometrial Cells1. <i>Biology of Reproduction</i> , 2003, 68, 1035-1043. | 2.7 | 33 |
| 95 | Polymorphic Forms of Expressed Bovine Interferon- β , Genes: Relative Transcript Abundance during Early Placental Development, Promoter Sequences of Genes and Biological Activity of Protein Products*. <i>Endocrinology</i> , 2001, 142, 2906-2915. | 2.8 | 75 |
| 96 | Polymorphic Forms of Expressed Bovine Interferon- β Genes: Relative Transcript Abundance during Early Placental Development, Promoter Sequences of Genes and Biological Activity of Protein Products. <i>Endocrinology</i> , 2001, 142, 2906-2915. | 2.8 | 22 |
| 97 | A Classification for the Interferon- β . <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 817-822. | 1.2 | 31 |
| 98 | Bovine Blastocyst-Derived Trophectoderm and Endoderm Cell Cultures: Interferon Tau and Transferrin Expression as Respective In Vitro Markers. <i>Biology of Reproduction</i> , 2000, 62, 235-247. | 2.7 | 120 |
| 99 | Differences in Lymphocyte-Regulatory Activity Among Variants of Ovine IFN- β . <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 1001-1005. | 1.2 | 9 |
| 100 | Identification of the Expressed Forms of Ovine Interferon-Tau in the Periimplantation Conceptus: Sequence Relationships and Comparative Biological Activities1. <i>Biology of Reproduction</i> , 1999, 61, 1592-1600. | 2.7 | 27 |
| 101 | The Cross-Species Antiviral Activities of Different IFN-tau Subtypes on Bovine, Murine, and Human Cells: Contradictory Evidence for Therapeutic Potential. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 1335-1341. | 1.2 | 34 |
| 102 | Different Ovine Interferon-Tau Genes Are Not Expressed Identically and Their Protein Products Display Different Activities1. <i>Biology of Reproduction</i> , 1998, 58, 566-573. | 2.7 | 39 |
| 103 | Loss of the Signature Six Carboxyl Amino Acid Tail from Ovine Interferon-Tau does not Affect Biological Activity1. <i>Biology of Reproduction</i> , 1998, 58, 1463-1468. | 2.7 | 15 |
| 104 | Developmental changes in sensitivity of bovine embryos to heat shock and use of antioxidants as thermoprotectants2. <i>Journal of Animal Science</i> , 1995, 73, 1401-1407. | 0.5 | 75 |
| 105 | Effectiveness of Short-Term Cooling and Vitamin E for Alleviation of Infertility Induced by Heat Stress in Dairy Cows. <i>Journal of Dairy Science</i> , 1994, 77, 3601-3607. | 3.4 | 51 |
| 106 | Developmental Changes in Embryonic Resistance to Adverse Effects of Maternal Heat Stress in Cows. <i>Journal of Dairy Science</i> , 1993, 76, 2899-2905. | 3.4 | 275 |